

OIPE

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/630,333

DATE: 08/14/2000
TIME: 11:28:57

Input Set : A:\U0127991.app
Output Set: N:\CRF3\08142000\I630333.raw

ENTERED

3 <110> APPLICANT: BURMAN C, ANAND
4 PRASAD, SUDHANHAND
5 MUKHERJEE, RAMA
6 JAGGI, MANU
7 SINGH T, ANU
8 MATHUR, ARCHNA
10 <120> TITLE OF INVENTION: BOMBESIN ANALOGS FOR TREATMENT OF CANCER
12 <130> FILE REFERENCE: U012799-1
C--> 14 <140> CURRENT APPLICATION NUMBER: US/09/630,333
C--> 15 <141> CURRENT FILING DATE: 2000-07-31
17 <150> PRIOR APPLICATION NUMBER: 147/DEL/2000
18 <151> PRIOR FILING DATE: 2000-02-24
20 <160> NUMBER OF SEQ ID NOS: 12
22 <170> SOFTWARE: PatentIn Ver. 2.0
24 <210> SEQ ID NO: 1
25 <211> LENGTH: 14
26 <212> TYPE: PRT
27 <213> ORGANISM: Bombina bombina
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31 1 5 10
34 <210> SEQ ID NO: 2
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36 <212> TYPE: PRT
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40 Gly Asn His Trp Ala Val Gly His Leu Met
41 1 5 10
44 <210> SEQ ID NO: 3
45 <211> LENGTH: 8
46 <212> TYPE: PRT
47 <213> ORGANISM: Artificial Sequence
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50 <223> OTHER INFORMATION: Description of Artificial Sequence: This peptide
51 was synthetically generated
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54 <221> NAME/KEY: MOD_RES
55 <222> LOCATION: (1)
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58 <220> FEATURE:
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60 <222> LOCATION: (6)
61 <223> OTHER INFORMATION: /product = alpha-aminoisobutyric acid/label = Aib
63 <400> SEQUENCE: 3
W--> 64 Xaa Gln Trp Ala Val Xaa His Leu
65 1 5
68 <210> SEQ ID NO: 4

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69 <211> LENGTH: 8
70 <212> TYPE: PRT
71 <213> ORGANISM: Artificial Sequence
73 <220> FEATURE:
74 <223> OTHER INFORMATION: Description of Artificial Sequence: This peptide
75   was synthetically generated
77 <220> FEATURE:
78 <221> NAME/KEY: MOD_RES
79 <222> LOCATION: (1)
80 <223> OTHER INFORMATION: /product = D-phenylalanine/label = D-Phe
82 <220> FEATURE:
83 <221> NAME/KEY: MOD_RES
84 <222> LOCATION: (4)
85 <223> OTHER INFORMATION: /product = alpha-aminoisobutyric acid/label = Aib
87 <400> SEQUENCE:
W--> 88 Xaa Gln Trp Xaa Val Gly His Leu
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94 <212> TYPE: PRT
95 <213> ORGANISM: Artificial Sequence
97 <220> FEATURE:
98 <223> OTHER INFORMATION: Description of Artificial Sequence: This peptide
99   was synthetically generated
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102 <221> NAME/KEY: MOD_RES
103 <222> LOCATION: (1)
104 <223> OTHER INFORMATION: /product = D-phenylalanine/label = D-Phe
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109 <223> OTHER INFORMATION: /product = D-tryptophan/label = D-Trp
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113 <222> LOCATION: (6)
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127 <223> OTHER INFORMATION: Description of Artificial Sequence: This peptide
128   was synthetically generated.
130 <220> FEATURE:
131 <221> NAME/KEY: MOD_RES
132 <222> LOCATION: (1)

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133 <223> OTHER INFORMATION: /product = D-phenylalanine/label = D-Phe
135 <220> FEATURE:
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137 <222> LOCATION: (4)
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155 <221> NAME/KEY: MOD_RES
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159 <220> FEATURE:
160 <221> NAME/KEY: MOD_RES
161 <222> LOCATION: (6)
162 <223> OTHER INFORMATION: /product = alpha-aminoisobutyric acid/label =Aib
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175 <223> OTHER INFORMATION: Description of Artificial Sequence: This peptide
176     was synthetically generated.
178 <220> FEATURE:
179 <221> NAME/KEY: MOD_RES
180 <222> LOCATION: (1)
181 <223> OTHER INFORMATION: /product = D-phenylalanine/label = D-Phe
183 <220> FEATURE:
184 <221> NAME/KEY: MOD_RES
185 <222> LOCATION: (3)
186 <223> OTHER INFORMATION: /product = D-tryptophan/label = D-Trp
188 <220> FEATURE:
189 <221> NAME/KEY: MOD_RES
190 <222> LOCATION: (6)
191 <223> OTHER INFORMATION: /product = alpha,alpha-di-n-propylglycine/label =
192     Dpg
194 <400> SEQUENCE: 8
W--> 195 Xaa Gln Xaa Ala Val Xaa His Leu
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196

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199 <210> SEQ ID NO: 9
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209 <221> NAME/KEY: MOD_RES
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211 <223> OTHER INFORMATION: /product = D-phenylalanine/label = D-Phe
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215 <222> LOCATION: (4)
216 <223> OTHER INFORMATION: /product = alpha,alpha-di-ethyl glycine = Deg
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225 <212> TYPE: PRT
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228 <220> FEATURE:
229 <223> OTHER INFORMATION: Description of Artificial Sequence: This peptide
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238 <221> NAME/KEY: MOD_RES
239 <222> LOCATION: (6)
240 <223> OTHER INFORMATION: /product = 1-Aminocyclopentane caboxylic
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253 <220> FEATURE:
254 <223> OTHER INFORMATION: Description of Artificial Sequence: This peptide
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258 <221> NAME/KEY: MOD_RES
259 <222> LOCATION: (1)
260 <223> OTHER INFORMATION: /product = Butanoyl-D-phenylalanine/label =
261        Butanoyl-D-Phe

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Input Set : A:\U0127991.app
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263 <220> FEATURE:
264 <221> NAME/KEY: MOD_RES
265 <222> LOCATION: (6)
266 <223> OTHER INFORMATION: /product = alpha-aminoisobutyric acid/label = Aib
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OK 269 Xaa Gln Trp Ala Val Xaa His Leu
270 1 5
274 <210> SEQ ID NO: 12
275 <211> LENGTH: 8
276 <212> TYPE: PRT
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286 <223> OTHER INFORMATION: /product = Octanoyl-D-phenylalanine/label =
287 Octanoyl-D-Phe
289 <220> FEATURE:
290 <221> NAME/KEY: MOD_RES
291 <222> LOCATION: (6)
292 <223> OTHER INFORMATION: /product = alpha-aminoisobutyric acid/label = Aib
OK 294 <400> SEQUENCE: 12
295 Xaa Gln Trp Ala Val Xaa His Leu
296 1 5

VERIFICATION SUMMARY
PATENT APPLICATION: US/09/630,333

DATE: 08/14/2000
TIME: 11:28:58

Input Set : A:\U0127991.app
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L:15 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:64 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3
L:88 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4
L:117 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5
L:141 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6
L:165 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7
L:195 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8
L:219 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9
L:244 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:10
L:269 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11
L:295 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:12